

## Patent Abstracts of Japan

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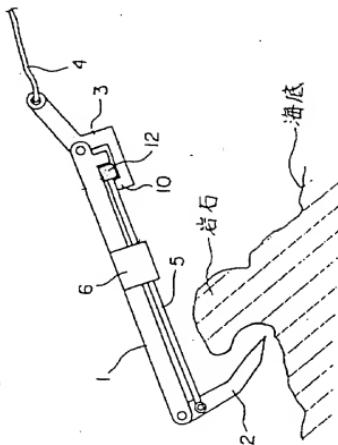
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TITLE : ANCHOR WITH AUTOMATIC UNLOCK DEVICE



**ABSTRACT :** PURPOSE: To moor a vessel and withdraw an anchor with only an anchor rope by respectively providing a claw in the tip of a main frame freely to be opened or closed and a lock member in the rear end pivotably, and connecting them with a connecting rod, and performing the lock and unlock of a stopper provided in the rear end of the connecting rod and a lock member with an anchor rope connected to the lock member.

**CONSTITUTION:** A connecting rod 5 is pulled to close a claw 2, and a stopper 12 is engaged with a locking part 10 of a lock member 3 to fix the claw 2, and under this condition, an anchor is thrown into the sea for mooring. At this stage, an angle of an anchor rope 4 against the sea bottom is set at the predetermined angle, for example, less than 20 degree. Next, at the time of withdrawing the anchor, the anchor rope 4 is pulled to be taken-in, and when a vessel is made to close to an anchor locking position, the angle of the anchor rope 4 against the sea bottom is increased to cancell the engagement of the stopper 12 and the locking part 10, and the opening operation of the claw is made free, and the anchor can be withdrawn with progressing of the vessel and traction of the rope 4. The structure is thereby simplified.

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